

Mineral Supplements

Combi 4TM Chelate

Liquid trace mineral blend for dairy cows

3 key benefits

- 1 Ideal for herds feeding high levels of PKE
- 2 Highly palatable with aniseed flavour
- 3 Chelated for optimal absorption

Other Combi 4TM Chelate features

- Specifically formulated for cows that do not require copper supplementation
- Chelate blend supplement to optimise milk production
- Supports overall cow health and fertility
- 2ml/4ml dose rates for cost efficiency
- Can be mixed as trough treatment or drench and mixed with liquids to pour over hay or silage
- Organic and non-corrosive on equipment
- Stays in solution

Product composition

Components	Concentration [%]
Sodium selenate	<0.5
Iodine Chelate- EDDI	<0.5
Zinc Chelate	<20
Cobalt Chelate 14%	<0.5
Aniseed	<5.0
Water	To 100%



Available sizes: 20L, 100L, 200L, 1,000L

For more information

0800 DEOSAN (0800 33 67 26) or email sales@deosan.co.nz
20 Seddon Street, PO Box 8, Waharoa 3441 ● www.deosan.co.nz

Combi 4™ Chelate

Liquid trace mineral blend for dairy cows

Combi 4™ Chelate is a chelated mineral mix of Selenium (as Sodium Selenate), Iodine, Zinc and Cobalt. It can be used as a trough treatment or drench and mixed with liquids to pour over hay or silage.

- Formulated to cover the daily trace element demand for selenium, cobalt, zinc and iodine in a single formulation.
- Convenient, totally soluble liquid formulation with correct ratios to balance most deficiencies in dairy cows.

How to Use Combi 4™ Chelate

Combi 4™ Chelate has been specifically formulated for cows that do not require copper supplementation due to a significant portion of their diet being fed as PKE that is high in copper.

Combi 4™ Chelate can also be used when cows are receiving adequate copper supplementation from other sources, or testing indicates copper levels are sufficient. Seek advice on copper testing and supplementation from your veterinarian.

We recommend a peak and non-peak rate of use. The peak demand period is from 30 days before calving until the end of mating, during this period the dose rate is 4ml/cow/ day. When supplementary feeds are being fed that are low in trace elements, e.g. maize or cereal silage peak rates will be required.

For the remainder of the lactation the dose rate is 2ml/ cow/ day.



Dosage

Each litre contains:

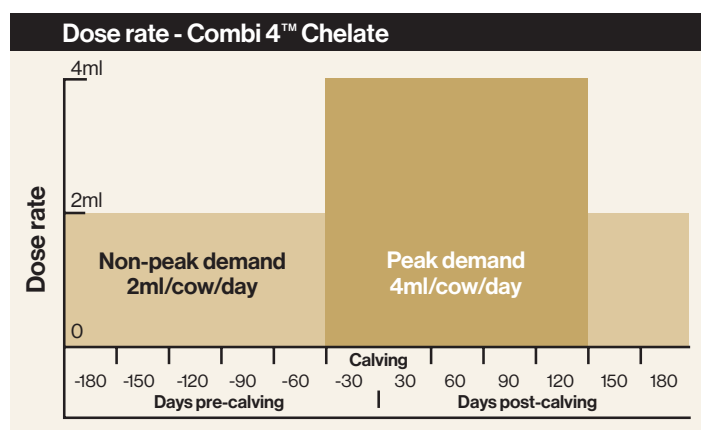
Iodine	1,500mg	Zinc	20,000mg
Cobalt	500mg	Selenium	1,000mg

Peak Demand: 4ml/Cow/Day = 250 cows/litre

Non-Peak Demand: 2ml/Cow/Day = 500 cows/litre

When cows are dosed at 4ml/cow/day in the peak demand period they receive:

Iodine	6mg	Zinc	80mg
Cobalt	2mg	Selenium	4mg



What is a Chelate?

A chelate is a chemical compound containing a metal ion encircled by non-metal ions.

In a mineral supplement the presentation of minerals as chelated products helps retain the mineral in the rumen and intestine and thus improves the bioavailability.

By comparison the same mineral when presented in a sulphate form passes more readily through the digestive system to be expelled from the body with reduced bioavailability.